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## PATENT

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Date: December 14, 2001

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231  
Box PATENT APPLICATION

Sir:

This application claims priority to U.S. Provisional Application Serial No. 60/255,615 (Atty Dkt No. 00P9072) filed December 14, 2000; U.S. Serial No. 60/255,614 (Atty Dkt 00P9073) filed December 14, 2000; and U.S. Serial No. 60/255,613 (Atty Dkt. No. 00P9074) filed December 14, 2000.

Transmitted herewith for filing is the patent application of:

**Inventor(s): Markus Loecher**

For: METHOD AND APPARATUS FOR PROVIDING PREDICTIVE MAINTENANCE OF A DEVICE BY  
USING MARKOV TRANSITION PROBABILITIES

This application includes:

12 pages of specifications, including claims and abstract  
1 title page  
1 sheets of drawings,    formal/ X informal containing 1 Figures  
   photographs (design patent application only)

Also enclosed is:

   Declaration and Power of Attorney  
   An assignment of the invention to Siemens Corporate Research, Inc.  
   A certified copy of a    application.  
   Information Disclosure Statement pursuant to 37 CFR 1.56.

The filing fee has been calculated as shown below:

FOR:	(Col. 1) NO. FILED	(Col. 2) NO. EXTRA	OTHER THAN A SMALL ENTITY RATE FEE
BASIC FEE	XXXXXXXXXX	XXXXXXXXXX	\$ 740
TOTAL CLAIMS	8 - 20 =	x \$ 18 =	\$
INDEP CLAIMS	4 - 3 =	1 x \$ 84 =	\$ 84
* MULTIPLE DEPENDENT CLAIM PRESENTED +\$ 280 =			\$
<b>TOTAL</b>			<b>\$ 824</b>

- X Please charge my Deposit Account No. 19-2179 in the amount of \$ 824 duplicate copy of this sheet is enclosed.
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- X Any patent application processing fees under 37 CFR 1.17.
- X Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,



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